

**TNT Science Competition – Judging Form for Electronic Submissions – Engineering Projects**  
*Adapted from ISEF judging criteria*

Growth Statements/Comments: _____ _____ _____ _____ _____ _____	
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**(Circle or enter score for each category)**

JUDGING CATEGORY-Total Pts	FAIR	AVERAGE	GOOD	EXCELLENT	
<b>RESEARCH PROBLEM-10 pts</b> description of a practical need or problem to be solved definition of criteria for proposed solution explanation of constraints	1 2	3 4 5	6 7 8	9 10	
<b>DESIGN &amp; METHODOLOGY-15</b> exploration of alternatives to answer need or problem identification of a solution development of a prototype/model	2 3 4 5	6 7 8 9 10	11 12 13	14 15	
<b>EXECUTION-20</b> prototype demonstrates intended design prototype has been tested in multiple conditions/trials prototype demonstrates engineering skill and is complete	1-12	13 14 15	16 17 18	19 20	
<b>CREATIVITY-20</b> Project demonstrates significant creativity in one or more of the above criteria	1-12	13 14 15	16 17 18	19 20	
<b>PRESENTATION/POSTER-10</b> Logical organization of material Clarity of graphics and legends Supporting documentation displayed	1 2	3 4 5	6 7 8	9 10	
<b>REPORT - 25</b> Logical organization Understanding of basic science relevant to project Results shown with appropriate graphs, tables, etc. Results and conclusions are clearly supported by data Understanding interpretation and limitations of results and conclusions Degree of independence in conducting project Recognition of potential impact in science, society and /or economics Quality of ideas for further research and development	1-15	16 17 18 19 20	21 22 23	24 25	
<b>TOTALS</b>	<b>(100 POINTS)</b>				
<b>Judge's Initials</b> _____	COMBINED TOTAL				